WE ARE SIKA



SIKA SOLUTIONS FOR OIL & GAS INDUSTRY

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BUILDING TRUST

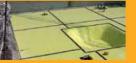
SIKA'S INNOVATIVE TECHNOLOGIES

SIKA SOLUTIONS FOR OIL & GAS INDUSTRY

- Sika offers a range of services and state-of-the-art technological solutions to leading companies operating in the Oil & Gas Industry
- With refineries expanding and new manufacturing plants being built, Sika is devoted in supplying quality products and solutions into this rapidly expanding market.
- Our focus remains on technological advancements in the fields of roofing, flooring, tank lining, sealing & bonding, machinery grouting, concrete repair, pipes protection with strengthening and marine repair and protection
- Sustainability is in the heart of Sika's strategy.
- Innovation focuses on initiatives to extend life cycle of structures, conservation of resources and eco-friendly construction materials & protection products like for example the Sika Tuff-n-Nuff System

- Roof waterproofing, based on "Zero Flame & Zero Heat" systems, are ideal solutions where mitigation of fire risk is a first priority in the decision making process
- Sika has a strong focus on providing a full range of flooring and coating solutions for industrial areas which meet or exceed all standards and requirements for both new and refurbishment works
- Sika also offers Sealing & Bonding solutions with chemicals and hydrocarbon spillage resistance properties for floor joints, connection and saw cut joints in concrete, expansion joints, pipe joints etc
- Sika's extensive experience and know-how enables us to be responsive with solutions to cater for live plant environment with rapid delivery and high technical support





WATERPROOFING



CONCRETE

REFURBISHMENT

SEALING AND BONDING

FLOORING

ROOFING

OIL & GAS INDUSTRY OPPORTUNITIES



TRANSMISSION & TERMINALS

- With Oil, Natural Gas, and Liquid Natural Gas now in abundance in the region, the infrastructure needs to be expanded to accommodate these increases
- Pipe-lines are needed to connect major supply areas, allowing for faster transportation and lowered costs
- Areas of application within this market will include product pipelines, compressor/ pump stations, bulk liquid storage and input terminals



OIL & GAS PRODUCTION

- Natural Gas and Liquid Natural Gas have become the new low-cost alternatives for fuel, making the need for conveniently located production facilities a high priority
- Production facilities are necessary for the success of the petroleum market as well as many other industries
- Areas of application within this market include bulk liquid storage tanks, warehouses and production process machinery (agitators, separators, blenders, etc.)



PETROLEUM REFINING

- With ever increasing sustainable production of Oil, Natural Gas and Liquid Natural Gas, refineries have become a necessity more than ever before
- These refineries will supply a lower cost fuel to existing markets as well as new & growing markets, & with crude oil production on decline, refineries must be either be built or retrofitted to handle natural & liquid natural gas too
- Areas of application within this market include process unit modifications, loading and unloading facilities, as well as tanks, bulk storage and blending systems



SIKA SOLUTIONS FOR OIL & GAS INDUSTRY

1 GROUTING:

Machinery baseplates Pumps Compressors & steel structures Cranes Reciprocating Engines

PRODUCTS:

Sikadur[®] 42 LE Sikadur[®] 42 MP Slow SikaGrout[®] 214/...

2 CHEMICAL RESISTANT & PROTECTIVE COATINGS:

Secondary containment; Above ground protective coating; Water storage tanks; Fuel depots, manholes & areas subject to chemical spills

PRODUCTS:

Sikalastic®-8800 Sikagard® 550 W SIkagard®PW Sikgard® 62/63 Poxitar®-LS



3 SEALANTS:

Expansion & construction joints or Fire resistant joints & openings, Concrete pavement Joints, Bund wall & precast Joints, Fuel resistant

PRODUCTS:

Sikaflex[®] PRO 3 Sikaflex[®] 2C SL/NS Sika[®] PolysulphidePG/GG Sikacryl[®] 620/670 Fire Sikaflex[®] 11 FC+

4 STRENGTHENING: Blast proofing, Concrete retrofitting, Increased loading

Increased loading, Dynamic loading

PRODUCTS:

SikaWrap® Fabrics Sikadur® 300/330 Sika® CarboDur® Plates & Rods

5 CONCRETE REPAIR & ANCHORING: Foundations, Spall repairs Cooling towers, Storage tanks, Rebar, Railings

PRODUCTS:

Sika® Armatec® 110 SikaTop & Sika MonoTop SikaRep® Sikacrete® 213F AnchorFix®-3 Icosit KC

8 ROOFING:

Exposed roofs Inverted roofs Green roofs Reflective roofs

PRODUCTS:

Sikalastic®-614 Sikalastic® MTC Sikalastic®-851 R Sikafill® Sarnafil®

7 WATERPROOFING:

Pre-applied Post-applied Chemical resistant waterstops Bulk liquid storage

PRODUCTS:

6 CRACK REPAIR:

Slabs, Walls,

Baseplates,

PRODUCTS:

Sikadur[®] 52

Sikadur[®] 31 CF

Sika Injection

Beams.

Columns

Sikaproof® A/P SikaBit® Sika®TopSeal 107 Sikaplan® Igolflex® AE Sika Waterbars® SikaSwell® A/P Sikadur-Combiflex® SG System Sika® 1/ WT range



POWER ENERGY COMPLEMENTARY SOLUTIONS WITH SIKA

POWER YOUR PROJECT WITH SIKA CONCRETE ADMIXTURES Naphthalene and PCE

based Admixtures for High performance concrete

 Waterproofers, corrosion Inhibitors, Shrinkage reducers, etc

For Extended Durability concrete:

Faster construction with high early strength concrete using Sika® Rapid 1 and SikaSet® Sika[®] ViscoCrete[®] High Range Water Reducers for production of Self Compacting Concrete

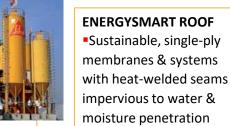
SOLAR & WIND MANUFACTURING, **INSTALLATION & REPAIR**

Industry leading 1C/2C silicone assembly products for concentrating & photovoltaic systems

SikaForce[®] 2C PUR & SikaDur[®] 2C epoxies for wind blades

High performing products for manufacturing & construction of wind turbines

•Full range of products for renewable energy utility scale projects





Energy-saving reflective roofs, vegetated green roofs, solar-ready roofing & systems that simulate appearance of standing seam metal roof Extended performance & reflective surfaces help to control capital expenses, HVAC operating costs & roof maintenance expenses





SIKAGARD® EPOXY

Chemical resistant

& moisture tolerant Epoxy coatings

- Excellent adhesion to concrete
- Superior abrasion resistance to long term wear

 Outstanding chemical resistance for long-term protection

REFURBISHMENT

Epoxy & Cement based grouting products for all projects

Complete line of

repair mortars for concrete repair

 Advanced structural retrofitting and strengthening systems for RC structures

Protection systems for concrete to increase durability



WATERPROOFING AND WATERTIGHT JOINTS

Special chemical resistant waterstops for concrete joints exposed to chemicals

 Waterbars for concrete joints exposed to water

Chemical injection grouts for sealing leaking joints/cracks

SikaProof[®] (pre-applied) and SikaBit[®] (postapplied) waterproofing membranes for below grade concrete



BUILDING TRUST WITH SIKA IN AFRICA

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